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L Nuriber	Hits	Search Text	DB	Time stamp
1	40	(park\$4 adj brak\$4 or emergency adj brak\$4) same deceleration	USPAT;	2004/07/10 12:38
		same (vehicle or car or automobile) same (moving or running or	US-PGPUB;	
		stationary)	EPO; JPO;	
			DERWENT	
2	6	(park\$4 adj brak\$4 or emergency adj brak\$4) same deceleration	USPAT;	2004/07/10 12:57
1		same (vehicle or car or automobile) same (moving or running or	US-PGPUB;	
		stationary) and (park\$4 adj brak\$4 or emergency adj brak\$4)	EPO; JPO;	
		with (motordriven or motor adj driven or electr\$6 adj (actuator or	DERWENT	
		motor))		0004/07/40 40 47
3	0	DOUHI.in. and	USPAT;	2004/07/10 12:47
		SHOJi.in.	US-PGPUB	
			LICDAT.	2004/07/10 12:58
4	1		USPAT; US-PGPUB;	2004/07/10 12.56
		Electric adj parking adj brak\$4 same electric adj motor same	EPO; JPO;	
	:	deceleration	DERWENT	
		deceleration	DEIWVEIVI	: 
5	2		USPAT;	2004/07/10 12:58
	_		US-PGPUB;	200 1101710 12100
		Electric adj parking adj brak\$4 same deceleration	EPO; JPO;	
			DERWENT	
6	388	(park\$4 adj brak\$4 or emergency adj brak\$4) same deceleration	USPAT;	2004/07/10 12:59
		same (vehicle or car or automobile)	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
7	225	(park\$4 adj brak\$4 or emergency adj brak\$4) with deceleration	USPAT;	2004/07/10 13:03
		same (vehicle or car or automobile)	US-PGPUB;	
			EPO; JPO;	
			DERWENT	0004/07/40 40:00
8	28	(park\$4 adj brak\$4 or emergency adj brak\$4) with deceleration	USPAT;	2004/07/10 13:00
		with automatic\$6 same (vehicle or car or automobile)	US-PGPUB;	
			EPO; JPO; DERWENT	
9	11	(park\$4 adj brak\$4 or emergency adj brak\$4) with deceleration	USPAT:	2004/07/10 13:02
9	''	with automatic\$6 same (vehicle or car or automobile) and	US-PGPUB:	2004/01/10 13.02
		((park\$4.ab. and brak\$4.ab.) or (emergency.ab.and brak\$4.ab.))	EPO; JPO;	
		((partier lab. and braner.ab.) or (emergency-ab.and braner.ab.))	DERWENT	
10	64	(park\$4 adj brak\$4 or emergency adj brak\$4) with deceleration	USPAT;	2004/07/10 13:04
.0		same (vehicle or car or automobile) and (park\$4 adj brak\$4 or	US-PGPUB:	
		emergency adj brak\$4) with (electr\$7 or motor or motordriven)	EPO; JPO;	
			DERWENT	

- 4	150	("6305506"	USPAT;	2004/07/10 11:30
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		The second of the control of the con	USPAT;	2004/07/10 11:45
		same (vehicle or car or automobile) same (moving or running or	US-PGPUB;	
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-	98		USPAT	2004/07/10 11:46
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			EPO; JPO;	
-	7	mazda.asn. and park\$4 adj brak\$4 and futoshi.in.	DERWENT	
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	-	mazda.asn. and park\$4 adj brak\$4 and futoshi.in. and deceleration	USPAT;	2004/07/10 12:00
		according (	US-PGPUB;	
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	"	(park\$4 adj brak\$4) same deceleration same (vehicle or car or automobile) same (moving or running or stationary)	USPAT;	2004/07/10 12:38
		automobile, same (moving or running or stationary)	US-PGPUB;	
		i	EPO; JPO;	
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PLU5 7/10/04

## Butler, Douglas

Front:

**PLUS** 

Sent:

Monday, June 14, 2004 11:02 AM

To:

Butler, Douglas

Subject:

PLUS Results for 10691439

Here are the PLUS search results for 10691439.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.

















PLUS Search Results for S/N 10691439, Searched June 14, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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6332654
5255962
5012416
5184466
6324457
6351701
6415216
6463377
6564137
5227929
RE35269
5304912
4911505
4775939
5243856
5794492
4353441
4876914
5417624).pn.
(5839304
5922038
5984429
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10691439\_EAST

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10691439_EAST
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4615192
4928797
5025245
5520446
5667282
5685405
5916062
5957551
6079794
6087795
6154035
6193332
4258819
4258959
4265345
4281737
4307917
4315636
4330157
4356876
4376474
4378765
4387791
4403524
4422349
4429590
4440126
4451095
4462487
4465158
4473142
4476961
4478319
4480249
4497395
4505355
4512210
4520907
4522286
4532826
4534439).pn.
(4540073
4549050
4553650
4575159
4614256
4618042
4626040
4793449
4793661
4799570
4799741
4800799
4827807
4850457
4850459
4858435
4865165
4874065
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### 10691439\_EAST

## 10691439\_CLS Most Frequently Occurring Classifications of Patents Returned From A Search of 10691439 on June 14, 2004

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Original Classifications
  6 701/70
    188/156
  3
     74/538
  3 303/3
  3 303/7
  3 303/71
  3
    303/89
  2
    74/535
  2 123/321
  2
    180/271
  2
    188/271
  2
    192/219.4
  2
    192/219.5
  2
    192/219.7
  2
    192/220.2
  2
    303/191
  2
    360/75
  2
    477/194
    477/94
Cross-Reference Classifications
 8 180/170
6 477/906
5 188/170
5 188/2D
  5
    303/71
  5
    701/70
  4
    188/106F
    188/162
    188/353
    192/221
  4
    192/222
  4
    701/93
     74/483R
  3
  3
    123/319
    180/179
  3
  3
    180/273
  3
    188/DIG 2
    303/15
  3
    303/20
  3
 3
    477/194
    477/96
 3
 3
    701/91
     60/452
 2
 2
     74/483K
     74/501.5R
 2
      74/501.6
 2
 2
      74/512
 2
      74/516
 2
      74/538
 2
      92/63
    180/168
    180/197
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2 180/247

2 180/287 2 188/156 2 188/158 2 188/216 2 188/291 2 188/31 2 192/219.4 2 192/220.4 2 303/122.08 2 303/13 2 303/146 2 303/155 2 303/3 2 303/89 2 307/10.1 2 340/457.3 2 475/149 2 477/122 2 477/125 2 477/92 2 477/99 2 701/200 2 701/22 2 701/76 Combined Classifications 11 701/70 180/170 8 303/71 8 188/156 6 6 188/170 477/906 6 5 74/538 5 188/2D 5 303/3 5 303/89 5 477/194 188/106F 188/162 188/353 192/219.4 4 192/221 192/222 4 303/20 4 4 477/96 701/93 4 74/483R 3 74/535 3 3 123/319 3 180/179 180/273 180/287 188/DIG 2 192/220.2 303/15 303/191 303/7

> 477/125 477/99

701/91 3 2 60/452 2 70/245 2 74/336R 2 74/483K 2 74/501.5R 2 74/501.6 2 74/512 2 74/516 2 74/529 2 74/540 2 91/376R 2 92/63 2 123/321 2 180/168 2 180/169 2 180/197 2 180/247 2 180/271 2 180/307 2 188/158 2 188/216 2 188/265 2 188/271 2 188/291 2 188/31 2 188/328 2 188/72.1 2 188/72.7 2 192/219.5 192/219.7 2 192/220.4 2 2 303/10 2 303/122.08 303/13 2 303/146 2 303/155 2 2 303/60 2 303/9.76 307/10.1 340/457.3 340/471 360/75 475/149 477/111 477/122 477/184 477/71 477/92 477/93 477/94 2 701/200 2 701/22

701/76

. 10691439\_CLSTITLES
Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10691439 on June 14, 2004

11	701/70 Class 701/1 701/70	701	OR, 5 XR) : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION .Indication or control of braking, acceleration, or deceleration
8	180/170 Class 180/170	180	OR, 8 XR) : MOTOR VEHICLES WITH MEANS RESPONSIVE TO SPEED OF VEHICLE FOR MAINTAINING SPEED AT, OR PREVENTING IT FROM EXCEEDING, A PARTICULAR VALUE
8	303/50		OR, 5 XR) : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS MOTORMAN'S VALVES .MotorFluid-pressure retracting
6		188	OR, 2 XR) : BRAKES FRICTIONAL VIBRATION DAMPER .Electric and mechanical
6	188/166	188	OR, 5 XR) : BRAKES FRICTIONAL VIBRATION DAMPER .SpringFluid-pressure release
6		477	OR, 6 XR) : INTERRELATED POWER DELIVERY CONTROLS, INCLUDING ENGINE CONTROL MEANS DETECTING OR AMELIORATING THE EFFECTS OF MALFUNCTION OR POTENTIAL MALFUNCTION
5	74/538 Class 74/469 74/516 74/527 74/533 74/537 74/538	074	OR, 2 XR) : MACHINE ELEMENT OR MECHANISM CONTROL LEVER AND LINKAGE SYSTEMS .Variable output forceDetentsLever engaging rackFinger lever releaseSlidable
5	188/2D Class 188/2R 188/2D	(0 188	OR, 5 XR) : BRAKES VEHICLE .Bowdin wire-operated
5	303/3 Class 303/2 303/3	(3 303	OR, 2 XR) : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS MULTIPLE SYSTEMS .Fluid pressure and electric

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#### 10691439 CLSTITLES

```
5 303/89
                (3 OR, 2 XR)
               303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
       Class
       303/89
                     LOCKS
 477/194
                (2 OR, 3 XR)
       Class
               477 : INTERRELATED POWER DELIVERY CONTROLS,
                       INCLUDING ENGINE CONTROL
       477/182
                     BRAKE CONTROL
       477/194
                     .Brake control having holding device, with
                        means on engine control to override holding device
  188/106F
                (0 OR, 4 XR)
               188 : BRAKES
       Class
       188/381
                FRICTIONAL VIBRATION DAMPER
                   .Multiple
       188/105
                    ..Vehicle
       188/106R
       188/106F
                     ...Fluid and mechanical
 188/162
               (0 OR, 4 XR)
188 : BRAKES
       Class
                   FRICTIONAL VIBRATION DAMPER
       188/381
                   .Electric
       188/158
       188/161
                    ..Electromagnet
       188/162
                     ...Rotary motor
                (0 OR, 4 XR)
  188/353
               188 : BRAKES
       Class
       188/381
                  FRICTIONAL VIBRATION DAMPER
       188/151R
                   .Fluid pressure
                    ..Road vehicle
       188/152
       188/353
                     ...With hydraulic lock
4 192/219.4
               (2 OR, 2 XR)
       Class 192 : CLUTCHES AND POWER-STOP CONTROL
       192/215
                    TRANSMISSION AND BRAKE
                    .Motor vehicle
       192/218
       192/219
                    ..Transmission control affects brake
       192/219.4
                     ... Emergency or parking brake
 192/221
               (0 OR, 4 XR)
               192 : CLUTCHES AND POWER-STOP CONTROL
       Class
       192/215
                   TRANSMISSION AND BRAKE
       192/218
                    .Motor vehicle
       192/221
                    ..Fluid operated
               (0 OR, 4 XR)
               192 : CLUTCHES AND POWER-STOP CONTROL
       Class
       192/215
                   TRANSMISSION AND BRAKE
       192/218
                    .Motor vehicle
       192/222
                    ..Electromagnetic
 303/20
               (1 OR, 3 XR)
               303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
       Class
       303/20
                    ELECTRIC CONTROL
 477/96
               (1 OR, 3 XR)
       Class
               477 : INTERRELATED POWER DELIVERY CONTROLS,
                       INCLUDING ENGINE CONTROL
```

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10691439 CLSTITLES
          477/34
                        TRANSMISSION CONTROL
          477/92
                        .With brake control
          477/96
                        .. One control blocks another
    701/93
                   (0 OR, 4 XR)
          Class
                  701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
                          RELATIVE LOCATION
          701/1
                        VEHICLE CONTROL, GUIDANCE, OPERATION, OR
                             INDICATION
          701/70
                        .Indication or control of braking,
                            acceleration, or deceleration
          701/93
                        .. Vehicle speed control (e.g., cruise control)
      74/483R
                   (0 OR, 3 XR)
                  074 : MACHINE ELEMENT OR MECHANISM
          Class
          74/469
                        CONTROL LEVER AND LINKAGE SYSTEMS
          74/479.01
                        .Multiple controlling elements for single
                            controlled element
          74/483R
                        ..Interlocked
      74/535
                   (2 OR, 1 XR)
          Class
                  074 : MACHINE ELEMENT OR MECHANISM
          74/469
                        CONTROL LEVER AND LINKAGE SYSTEMS
          74/516
                        .Variable output force
          74/527
                        ..Detents
          74/533
                        ...Lever engaging rack
          74/535
                        ....Lever carried pawl
    123/319
                   (0 OR, 3 XR)
          Class
                  123 : INTERNAL-COMBUSTION ENGINES
          123/319
                        ENGINE SPEED REGULATOR
    180/179
                   (0 OR, 3 XR)
          Class
                  180 : MOTOR VEHICLES
          180/170
                        WITH MEANS RESPONSIVE TO SPEED OF VEHICLE FOR
                             MAINTAINING SPEED AT, OR PREVENTING IT FROM EXCEEDING,
Α
                             PARTICULAR VALUE
          180/178
                        .Including electrically actuated servomechanism
          180/179
                        .. And electrical quantities comparison means
                           for development of electrical input
                   (0 OR, 3 XR)
                  180 : MOTOR VEHICLES
          Class
          180/271
                        WITH MEANS FOR PROMOTING SAFETY OF VEHICLE, ITS
                             OCCUPANT OR LOAD, OR AN EXTERNAL OBJECT
          180/272
                        .Responsive to absence or inattention of
                            operator, or negatively reactive to attempt to operate
                            vehicle by person not qualified mentally or physically t
                            do so
                        ..Utilizing weight, or lack thereof, of
          180/273
                           operator on seat or other support to determine presence o
                           absence
 3 180/287
                 (1 OR, 2 XR)
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0

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#### 10691439 CLSTITLES

Class

180 : MOTOR VEHICLES 180/271 WITH MEANS FOR PROMOTING SAFETY OF VEHICLE, ITS OCCUPANT OR LOAD, OR AN EXTERNAL OBJECT 180/287 .By preventing unauthorized or unintended access or use 188/DIG 2 (0 OR, 3 XR) 188 : BRAKES Class HILL HOLDER 188/DIG 2 192/220.2 (2 OR, 1 XR) 192 : CLUTCHES AND POWER-STOP CONTROL Class 192/215 TRANSMISSION AND BRAKE 192/218 .Motor vehicle 192/220 .. Brake control affects transmission change 192/220.2 ...Park-lock device 3 303/15 (0 OR, 3 XR) 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS Class 303/13 MULTIPLE CONTROL 303/15 .Fluid and electric 3 303/191 (2 OR, 1 XR) 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS Class 303/121 SPEED-CONTROLLED 303/191 .Odd condition or device detection (e.g., fluid or brake temperature, hill holder, anti-squeal controller acoustic emission) 3 303/7 (3 OR, 0 XR) 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS Class 303/5 MULTIPLE FLUID-RECEIVING DEVICES 303/6.01 .Multiple motors 303/7 .. Sectional train 477/125 (1 OR, 2 XR) Class 477 : INTERRELATED POWER DELIVERY CONTROLS, INCLUDING ENGINE CONTROL 477/34 TRANSMISSION CONTROL 477/115 .Transmission controlled by engine 477/121 .. By input manifold pressure or engine fuel control 477/125 ... Prevents unsafe or unintentional shift 3 477/99 (1 OR, 2 XR) 477 : INTERRELATED POWER DELIVERY CONTROLS, Class INCLUDING ENGINE CONTROL 477/34 TRANSMISSION CONTROL 477/99 .Engine starting interlock 3 701/91 (0 OR, 3 XR) 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND Class RELATIVE LOCATION 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION 701/70 .Indication or control of braking, acceleration, or deceleration 701/82 .. Antispin, traction control, or drive slip Page 4

### 10691439\_CLSTITLES

control

```
701/91
                      ... Integrated with antiskid or other vehicle
                         control system (e.g., cruise control, suspension)
    60/452
                 (0 OR, 2 XR)
                060 : POWER PLANTS
        Class
        60/325
                      PRESSURE FLUID SOURCE AND MOTOR
        60/445
                      .Condition responsive control of pump or motor
                          displacement
        60/452
                      .. Pump displacement controlled by pump
                         discharge or motor feed pressure
2
    70/245
                 (1 OR, 1 XR)
                070 : LOCKS
        Class
                      SPECIAL APPLICATION
        70/57
        70/237
                      .For automotive vehicles
        70/245
                      ..Transmission
2
    74/336R
                 (1 OR, 1 XR)
        Class
                074 : MACHINE ELEMENT OR MECHANISM
        74/640
                      GEARING
        74/325
                      .Interchangeably locked
        74/333
                      .. Combined gear and clutch
        74/334
                      ...Preselector
        74/336R
                      ....Speed responsive
    74/483K
                 (0 OR, 2 XR)
                074 : MACHINE ELEMENT OR MECHANISM
        Class
        74/469
                      CONTROL LEVER AND LINKAGE SYSTEMS
        74/479.01
                      .Multiple controlling elements for single
                           controlled element
        74/483R
                      ..Interlocked
        74/483K
                      ...Rod blocks actuation of rotary member
    74/501.5R
                 (0 OR, 2 XR)
        Class
                074 : MACHINE ELEMENT OR MECHANISM
        74/469
                      CONTROL LEVER AND LINKAGE SYSTEMS
        74/491
                      .Hand operated
        74/500.5
                      .. Flexible transmitter (e.g., Bowden cable)
        74/501.5R
                      ... Constant tension sustaining
2
    74/501.6
                 (0 OR, 2 XR)
                074 : MACHINE ELEMENT OR MECHANISM
        Class
        74/469
                      CONTROL LEVER AND LINKAGE SYSTEMS
        74/491
                      .Hand operated
        74/500.5
                      .. Flexible transmitter (e.g., Bowden cable)
        74/501.6
                      ...And hand operator
2
    74/512
                 (0 OR, 2 XR)
        Class
                074 : MACHINE ELEMENT OR MECHANISM
        74/469
                      CONTROL LEVER AND LINKAGE SYSTEMS
        74/512
                      .Foot operated
    74/516
                 (0 OR, 2 XR)
                074 : MACHINE ELEMENT OR MECHANISM
        Class
        74/469
                      CONTROL LEVER AND LINKAGE SYSTEMS
        74/516
                      .Variable output force
   74/529
                (1 OR, 1 XR)
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10691439 CLSTITLES
        Class
                074 : MACHINE ELEMENT OR MECHANISM
        74/469
                     CONTROL LEVER AND LINKAGE SYSTEMS
        74/516
                     .Variable output force
        74/527
                     ..Detents
        74/529
                      ...Interrelated lever release
   74/540
                 (1 OR, 1 XR)
       Class
                074 : MACHINE ELEMENT OR MECHANISM
        74/469
                     CONTROL LEVER AND LINKAGE SYSTEMS
        74/516
                     .Variable output force
        74/527
                     ..Detents
        74/540
                      ...Lever carried rack
2
    91/376R
                 (1 OR, 1 XR)
                091 : MOTORS: EXPANSIBLE CHAMBER TYPE
        Class
        91/358R
                     WORKING MEMBER POSITION FEEDBACK TO MOTIVE
                            FLUID CONTROL
        91/368
                     .Follower type
        91/374
                      ...Plural movable valve parts
        91/376R
                      ...One movable part unitary with working member
2
   92/63
                 (0 OR, 2 XR)
                092 : EXPANSIBLE CHAMBER DEVICES
       Class
        92/61
                     RELATIVELY MOVABLE WORKING MEMBERS
        92/62
                      .First working member moves second coaxial
                          working member through separating abutment surfaces
        92/63
                      .. With separate biasing means for a working
                         member
  123/321
                 (2 OR, 0 XR)
        Class
                123 : INTERNAL-COMBUSTION ENGINES
                     ENGINE SPEED REGULATOR
        123/319
                      .Responsive to deceleration mode (e.g., engine
        123/320
                          acting as a brake)
        123/321
                      .. Valve timing altering means (e.g., axially
                         sliding cam shaft)
  180/168
                 (0 OR, 2 XR)
        Class
               180 : MOTOR VEHICLES
        180/167
                      WITH MEANS FOR CONTROLLING OPERATION RESPONSIVE
                          TO ELECTROMAGNETIC RADIATION, MAGNETIC FORCE, OR SOUND
                          WAVES RECEIVED FROM SOURCE, OR REFLECTED FROM OBJECT OR
                          SURFACE, LOCATED APART FROM VEHICLE
        180/168
                      .Having controlling means adapted to interact
                         with stationary means which describes course of vehicle's
                         travel
2 180/169
                 (1 OR, 1 XR)
               180 : MOTOR VEHICLES
        Class
        180/167
                      WITH MEANS FOR CONTROLLING OPERATION RESPONSIVE
                          TO ELECTROMAGNETIC RADIATION, MAGNETIC FORCE, OR SOUND
                          WAVES RECEIVED FROM SOURCE, OR REFLECTED FROM OBJECT OR
                          SURFACE, LOCATED APART FROM VEHICLE
                      .Radiation, force, or waves reflected from
        180/169
                         external object or surface
2 180/197
                 (0 OR, 2 XR)
```

180 : MOTOR VEHICLES

Class

#### 10691439 CLSTITLES

180/197 WITH MEANS FOR DETECTING WHEEL SLIP DURING VEHICLE ACCELERATION AND CONTROLLING IT BY REDUCING APPLICATION OF POWER TO WHEEL 180/247 (0 OR, 2 XR) Class 180 : MOTOR VEHICLES 180/233 HAVING FOUR WHEELS DRIVEN 180/247 .With manually operated means for disengaging drive to one or more, but fewer than all, of the four 180/271 (2 OR, 0 XR) 180 : MOTOR VEHICLES Class 180/271 WITH MEANS FOR PROMOTING SAFETY OF VEHICLE, ITS OCCUPANT OR LOAD, OR AN EXTERNAL OBJECT 180/307 (1 OR, 1 XR) 180 : MOTOR VEHICLES Class 180/54.1 POWER 180/305 .Including traction motor of kind driven by noncompressible fluid received under pressure from a pum .. Having variable displacement type motor or 180/307 pump 188/158 (0 OR, 2 XR) 188 : BRAKES Class 188/381 FRICTIONAL VIBRATION DAMPER 188/158 .Electric 188/216 (0 OR, 2 XR) Class 188 : BRAKES 188/381 FRICTIONAL VIBRATION DAMPER 188/216 .Release mechanism (1 OR, 1 XR) 188/265 188 : BRAKES Class 188/381 FRICTIONAL VIBRATION DAMPER 188/265 .Locks 188/271 (2 OR, 0 XR) Class 188 : BRAKES 188/266 INTERNAL-RESISTANCE MOTION RETARDER 188/271 .Combined with surface-friction brake 188/291 (0 OR, 2 XR) 188 : BRAKES Class 188/266 INTERNAL-RESISTANCE MOTION RETARDER 188/290 .Using a rotary-type fluid damper 188/291 .. Including clutch 188/31 (0 OR, 2 XR) Class 188 : BRAKES 188/2R VEHICLE 188/31 .Positive lock

р

(1 OR, 1 XR)

Class 188 : BRAKES

2 188/328

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10691439 CLSTITLES
        188/67
                      ROD
        188/74
                      .Transversely movable
        188/78
                      .. Expanding
        188/325
                       ...Two shoes
        188/327
                       .... Anchors adjacent unoperated ends
        188/328
                       .....Common anchor pivot or abutment
                (1 OR, 1 XR)
188 : BRAKES
2 188/72.1
        Class
        188/67
                      ROD
        188/71.1
                       .Axially movable brake element or housing
                           therefor
        188/72.1
                       ..With means for actuating brake element
  188/72.7
                 (1 OR, 1 XR)
                188 : BRAKES
        Class
        188/67
                      ROD
        188/71.1
                       .Axially movable brake element or housing
                           therefor
        188/72.1
                       ..With means for actuating brake element
        188/72.7
                       ...By inclined surface (e.g., wedge, cam or
                         screw)
2 192/219.5
                 (2 OR, 0 XR)
        Class
                192 : CLUTCHES AND POWER-STOP CONTROL
        192/215
                      TRANSMISSION AND BRAKE
        192/218
                      .Motor vehicle
        192/219
                      ..Transmission control affects brake
        192/219.4
                      ... Emergency or parking brake
        192/219.5
                      ....Parking pawl
2 192/219.7
                 (2 OR, 0 XR)
                192 : CLUTCHES AND POWER-STOP CONTROL
        Class
        192/215
                      TRANSMISSION AND BRAKE
        192/218
                      .Motor vehicle
        192/219
                      ..Transmission control affects brake
        192/219.4
                      ... Emergency or parking brake
        192/219.6
                      ....With separate manual operator
        192/219.7
                      .....Foot operated
2 192/220.4
                (0 OR, 2 XR)
                192 : CLUTCHES AND POWER-STOP CONTROL
        Class
                      TRANSMISSION AND BRAKE
        192/215
        192/218
                      .Motor vehicle
                      ..Brake control affects transmission change
        192/220
                      ...Park-lock device
        192/220.2
                      ....Floor-mounted shift lever
        192/220.3
        192/220.4
                      .....Solenoid operated lock
2 303/10
                 (1 OR, 1 XR)
        Class
                303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
        303/10
                      WITH PUMP
2 303/122.08
                 (0 OR, 2 XR)
        Class
               303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
        303/121
                      SPEED-CONTROLLED
        303/122
                      .With failure responsive means
```

..Active circuit testing

303/122.08

#### 10691439 CLSTITLES

303/13 (0 OR, 2 XR) 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS Class 303/13 MULTIPLE CONTROL 303/146 (0 OR, 2 XR) Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS 303/121 SPEED-CONTROLLED 303/146 .With yaw control 2 303/155 (0 OR, 2 XR) Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS 303/121 SPEED-CONTROLLED 303/155 .Braking pressure demand or braking force desire 2 303/60 (1 OR, 1 XR) 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS Class 303/50 MOTORMAN'S VALVES 303/59 .Outlet-pressure control 303/60 .. Maintaining 2 303/9.76 (1 OR, 1 XR) Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS 303/5 MULTIPLE FLUID-RECEIVING DEVICES 303/6.01 .Multiple motors 303/9.76 ... Spring operated motor 2 307/10.1 (0 OR, 2 XR) Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION SYSTEMS 307/9.1 VEHICLE MOUNTED SYSTEMS .Automobile 307/10.1 2 340/457.3 (0 OR, 2 XR) Class 340 : COMMUNICATIONS: ELECTRICAL LAND VEHICLE ALARMS OR INDICATORS 340/425.5 340/438 .Internal alarm or indicator responsive to a condition of the vehicle 340/457 ..Reminder 340/457.3 ...Of parking brake application 2 340/471 (1 OR, 1 XR) Class 340 : COMMUNICATIONS: ELECTRICAL LAND VEHICLE ALARMS OR INDICATORS 340/425.5 .External signal light system 340/468 340/471 .. Hazard warning or distress signalling 2 360/75 (2 OR, 0 XR) Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR RETRIEVAL 360/69 AUTOMATIC CONTROL OF A RECORDER MECHANISM 360/75 .Controlling the head 2 475/149 (0 OR, 2 XR) 475 : PLANETARY GEAR TRANSMISSION SYSTEMS OR Class COMPONENTS 475/149 ELECTRIC OR MAGNETIC DRIVE OR CONTROL 2 477/111 (1 OR, 1 XR)

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10691439 CLSTITLES
                477 : INTERRELATED POWER DELIVERY CONTROLS,
                        INCLUDING ENGINE CONTROL
        477/34
                      TRANSMISSION CONTROL
        477/107
                      .Engine controlled by transmission
        477/111
                      .. Transmission setting contingent
2 477/122
                 (0 OR, 2 XR)
        Class
                477 : INTERRELATED POWER DELIVERY CONTROLS,
                        INCLUDING ENGINE CONTROL
        477/34
                      TRANSMISSION CONTROL
        477/115
                      .Transmission controlled by engine
        477/121
                      .. By input manifold pressure or engine fuel
                          control
        477/122
                      ...Selector-type
2 477/184
                 (1 OR, 1 XR)
                477 : INTERRELATED POWER DELIVERY CONTROLS,
        Class
                        INCLUDING ENGINE CONTROL
        477/182
                      BRAKE CONTROL
        477/183
                      .Sensed condition responsive control of engine
                          of brake
        477/184
                      ..Brake
2 477/71
                 (1 OR, 1 XR)
        Class
                477 : INTERRELATED POWER DELIVERY CONTROLS,
                        INCLUDING ENGINE CONTROL
        477/34
                      TRANSMISSION CONTROL
        477/70
                      .With clutch control
        477/71
                      ...And brake control
 477/92
                 (0 OR, 2 XR)
                477 : INTERRELATED POWER DELIVERY CONTROLS,
        Class
                        INCLUDING ENGINE CONTROL
        477/34
                      TRANSMISSION CONTROL
        477/92
                      .With brake control
                 (1 OR, 1 XR)
2 477/93
        Class
                477 : INTERRELATED POWER DELIVERY CONTROLS,
                        INCLUDING ENGINE CONTROL
        477/34
                      TRANSMISSION CONTROL
        477/92
                      .With brake control
        477/93
                      ..Anti-creep
2 477/94
                 (2 OR, 0 XR)
                477 : INTERRELATED POWER DELIVERY CONTROLS,
        Class
                        INCLUDING ENGINE CONTROL
        477/34
                      TRANSMISSION CONTROL
        477/92
                      .With brake control
        477/94
                      ..Brake controls transmission
2 701/200
                 (0 OR, 2 XR)
        Class
                701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
                        RELATIVE LOCATION
        701/200
                      NAVIGATION
2 701/22
                 (0 OR, 2 XR)
        Class
                701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
                        RELATIVE LOCATION
        701/1
                      VEHICLE CONTROL, GUIDANCE, OPERATION, OR
```

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# 10691439\_CLSTITLES INDICATION .Electric vehicle

701/22

2	701/76	(0 OR, 2 XR)
	Class	701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
		RELATIVE LOCATION
	701/1	VEHICLE CONTROL, GUIDANCE, OPERATION, OR
		INDICATION
	701/70	.Indication or control of braking,
		acceleration, or deceleration
	701/71	Antiskid, antilock, or brake slip control
	701/76	Fail-safe system